

FIGURE 1

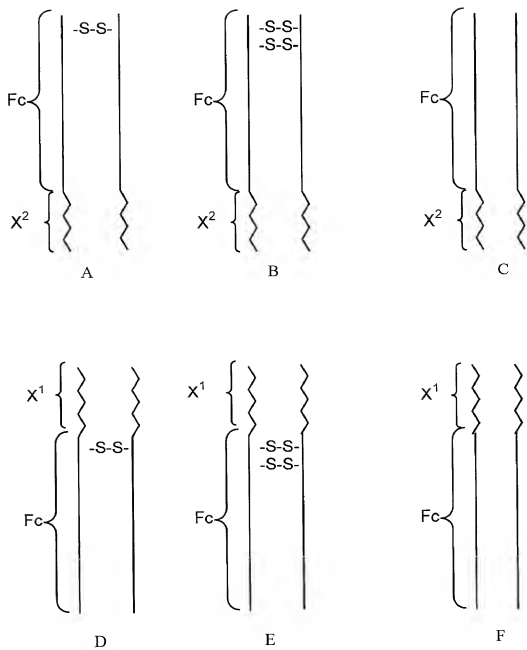


FIG. 2

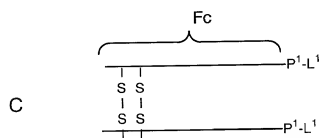
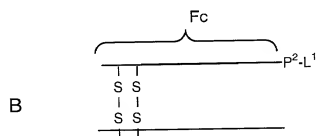


FIG. 3

```

ATGGACAAAACCTCACACATGTCCACCTTGTCCAGCTCCGGAACCTCTGGGGGACCGTC
1 -----+-----+-----+-----+-----+-----+-----+-----+ 60
TACCTGTTTTGAGTGTGTACAGGTGGAACAGGTCGAGGCCTTGAGGACCCCTGGCAGT

a   M D K T H T C P P C P A P E L L G G P S -
    GTCTTCTCTTCCCCCAAAACCAAGGACACCTCATGATCTCCCGGACCCCTGAGGTC
61 -----+-----+-----+-----+-----+-----+-----+-----+ 120
CAGAAGGAGAAGGGGGTTTTGGGTCTCTGTGGAGTACTAGAGGGCTGGGGACTCCAG

a   V F L F P P K P K D T L M I S R T P E V -
    ACATGCGTGTGTGGACGTGAGCCACGAAGACCTGAGGTCAAGTTCAACTGGTACGTG
121 -----+-----+-----+-----+-----+-----+-----+-----+ 180
TGTACGCACCACCTGCACCTCGGTGCTTCTGGGACTCCAGTTCAGTTGACCATGCAC

a   T C V V V D V S H E D P E V K F N W Y V -
    GACGGCTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACG
181 -----+-----+-----+-----+-----+-----+-----+-----+ 240
CTGCCGCACCTCCACGTATTACGGTTCTGTTTCGGCGCCCTCCCTCGTCATGTTGTCTGTC

a   D G V E V H N A K T K P R E E Q Y N S T -
    TACGCTGTGGTCAGCGTCTCTACCGTCTCTGCACAGGACTGGCTGAATGGCAAGGAGTAC
241 -----+-----+-----+-----+-----+-----+-----+-----+ 300
ATGCGCACCAAGTCGAGGAGTGGCAGGACGTGGTCTCTGACGACTTACCGTTCTCTCATG

a   Y R V V V S V L T V L H Q D W L N G K E Y -
    AAGTGCAGAGGTCTCCAACAAAGCCCTCCAGCCCCCATCGAGAAAACCATCTCTCAAAGCC
301 -----+-----+-----+-----+-----+-----+-----+-----+ 360
TTCACGTTCAGAGGTGTTTTCGGGAGGGTCGGGGGTAGCTCTTTTGGTAGAGGTTTCGG

a   K C K V S N K A L P A P I E K T I S K A -
    AAAGGGCAGCCCCGAGAACCAAGGTGTACACCTTGCCCCCATCCCGGATGAGCTGACC
361 -----+-----+-----+-----+-----+-----+-----+-----+ 420
TTTCCCGTCGGGGCTCTTGGTGTCCACATGTGGGACGGGGGTAGGGCCCTACTCGAGTCG

a   K G Q P R E P Q V Y T L P P S R D E L T -
    AAGAACCAGGTCAAGCTGACCTGCTTGTCAAAGGCTTCTATCCAGCGACATCCGCGTG
421 -----+-----+-----+-----+-----+-----+-----+-----+ 480
TTCCTTGGTCCAGTCGGACTGGACGGACCACTTTCGGAAGATAGGGTCGCTGTAGCGGCAC

a   K N Q V S L T C L V K G F Y P S D I A V -
    GAGTGGGAGAGCAATGGCGAGCGGAGAACACTACAAGCACAGCCCTCCGCTGCTGGAC
481 -----+-----+-----+-----+-----+-----+-----+-----+ 540
CTCACCTCTCGTTACCCGTCGGCTCTTGTGATGTCTGGTGGGAGGGCAGCAGCTTG

a   E W E S N G Q P E N N Y K T T P F V L D -
    TCCGACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGGACAGAGCAGGTGGCAGCAG
541 -----+-----+-----+-----+-----+-----+-----+-----+ 600
AGGCTGCCGAGGAAGAAGGAGATGTCGTTCGAGTGGCACCTGTTCTCGTCCACCGTCGTC

a   S D G S F F L Y S K L T V D K S R W Q Q -
    GGGAACTGCTTCTCATGTCTCCGTGATGCAATGAGGCTCTGCACAACCACTACACGCAAG
601 -----+-----+-----+-----+-----+-----+-----+-----+ 660
CCCTTCGAGAAGATACGAGGCCTACGTACTCCGAGACGTGTTGGTGATGTGCGTCTTC

a   G N V F S C S V M H E A L H N H Y T Q K -
    AGCCTCTCCCTGTCTCCGGGTAA
661 -----+-----+-----+-----+-----+-----+-----+-----+ 684
TCGGAGAGGGACAGAGGCCATTT

a   S L S L S P G K

```

FIG. 4

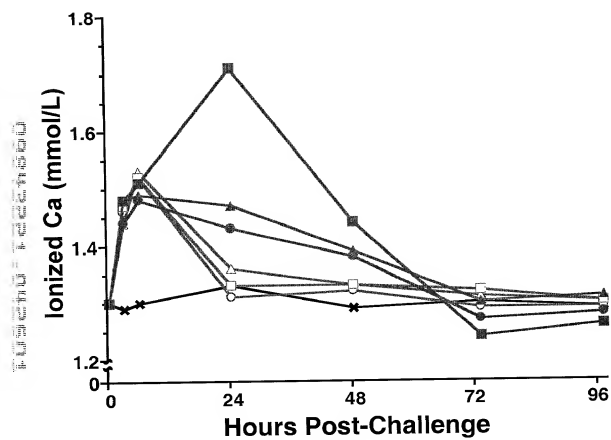


FIG. 5

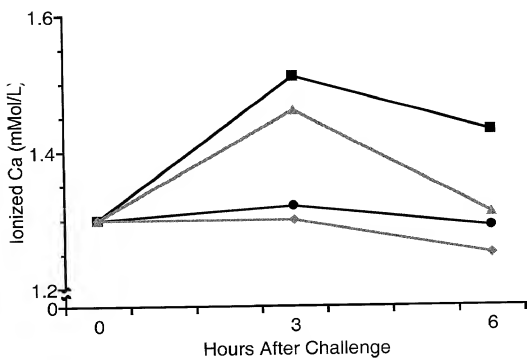


FIG. 6

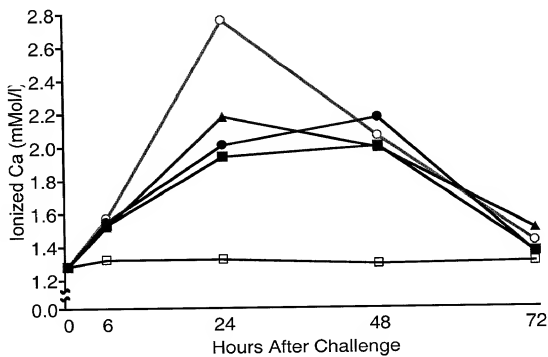


FIG. 7

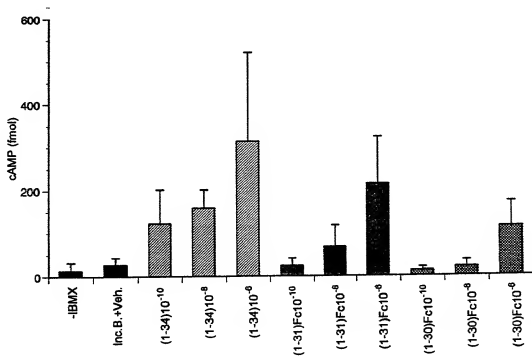


FIG. 8

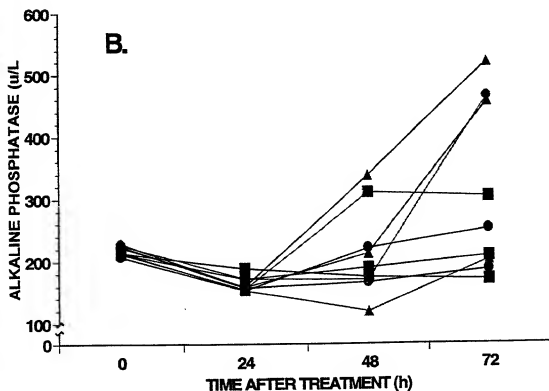
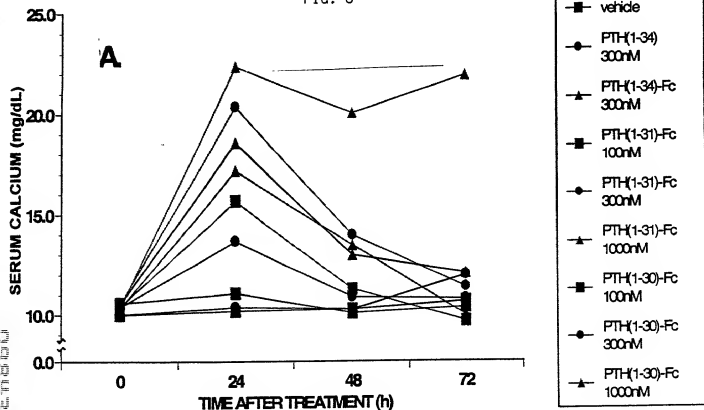


FIG. 8 (cont'd)

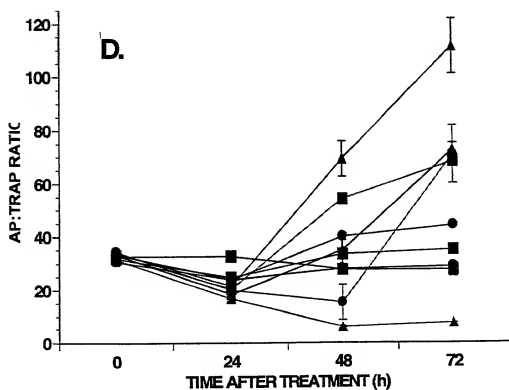
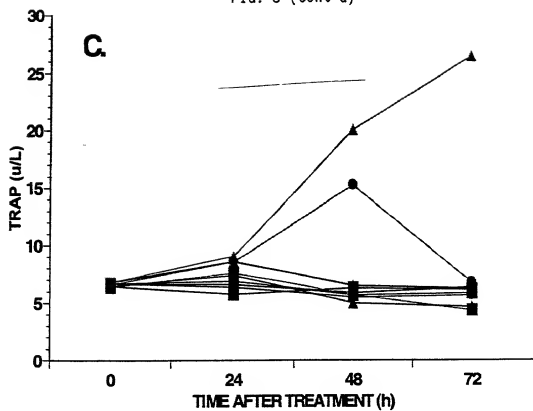


FIG. 9

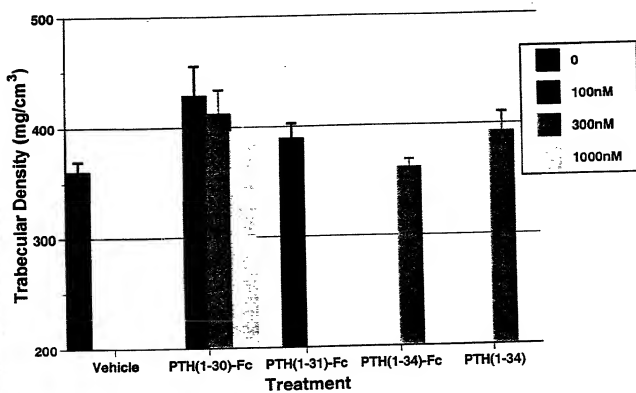


Fig. 10

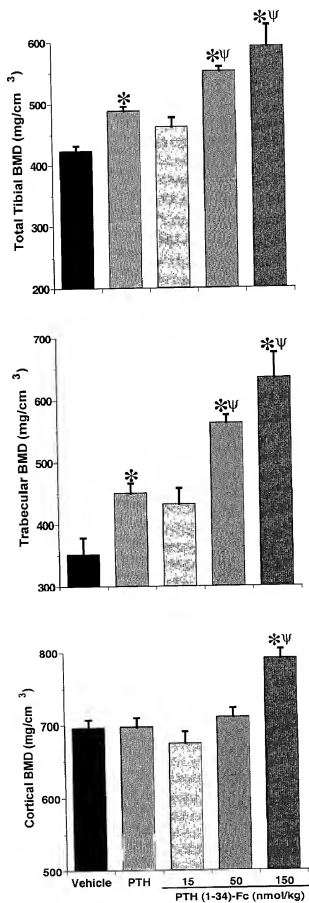


Fig. 11

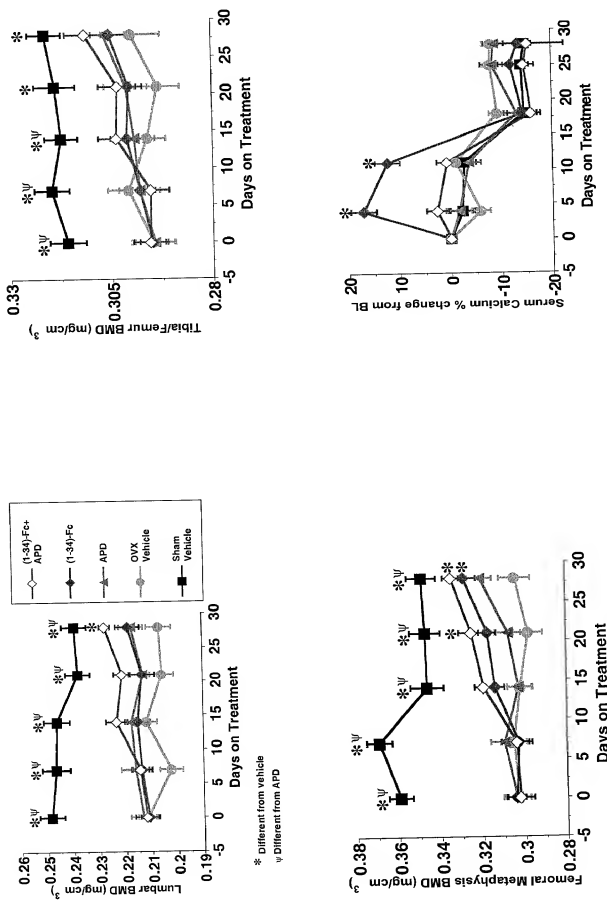
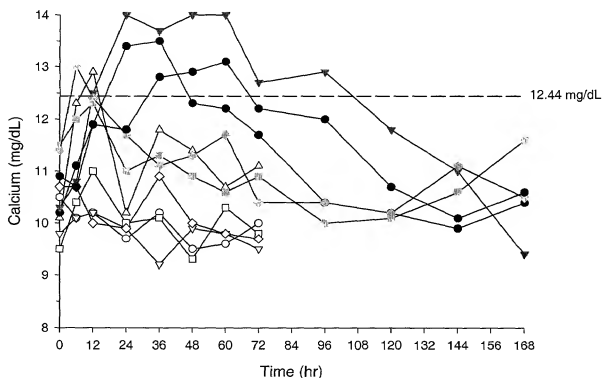


FIG. 12

Effect of Single Dose SC Administration of $\text{PTH}_{(1-34)}\text{Fc}$ on Calcium



- Animal #1 Dose 1 $\mu\text{g/kg}$
- ▽ Animal #2 Dose 3 $\mu\text{g/kg}$
- Animal #3 Dose 10 $\mu\text{g/kg}$
- ◇ Animal #4 Dose 30 $\mu\text{g/kg}$
- △ Animal #5 Dose 100 $\mu\text{g/kg}$
- Animal #6 Dose 300 $\mu\text{g/kg}$
- ▼ Animal #7 Dose 1000 $\mu\text{g/kg}$
- ◊ Animal #8 Dose 100 $\mu\text{g/kg}$
- ⊠ Animal #9 Dose 30 $\mu\text{g/kg}$
- Animal #10 Dose 300 $\mu\text{g/kg}$